The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Canceled)

2. (Original) A method of driving a display device, comprising the steps of:

frequency modulating a reference clock signal and obtaining a modulated clock signal;

performing sampling and A/D conversion on an analog image signal on the basis of the modulated clock signal and obtaining a digital image signal;

after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of the reference clock signal and obtaining an improved analog image signal; and

supplying the improved analog image signal to a corresponding pixel and obtaining an image.

3. (Previously Presented) A method of driving a display device, comprising the steps of:

performing sampling and A/D conversion on an analog image signal on the basis of a reference clock signal and obtaining a digital image signal;

after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of a modulated clock signal and obtaining an improved analog image signal; and

supplying the improved analog image signal to a corresponding pixel and obtaining an image,

wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal on the basis of a Gaussian histogram.

4. (Previously Presented) A method of driving a display device according to claim 2, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal on the basis of a Gaussian histogram.

5.-7. (Canceled)

8. (Currently Amended) A method of driving a display device according to ~~any one of~~ claims 2 or 3 wherein said display device is an active matrix type display device.

9. (Currently Amended) A method of driving a display device according to ~~any one of~~ claims 2 or 3 wherein said display device is a passive matrix type display device.

10. (Currently Amended) A method according to ~~claim any one of~~ claims 2 or 3 wherein said display device is a liquid crystal display device.

11. (Currently Amended) A method according to ~~any one of~~ claims 2 or 3 wherein said display device is an electroluminescence display device.

12. (Canceled)

13. (Currently Amended) A display device comprising:

an active matrix circuit having a plurality of thin-film transistors arranged in a matrix form; and

a source signal line-side driving circuit to which a digital image signal is inputted, and

a gate signal line-side driving circuit for driving said active matrix circuit,

wherein a first modulated clock signal obtained by frequency modulating a reference clock signal is inputted to said source signal line-side driving circuit, while a second modulated clock signal which differs from said first modulated clock signal in quantity of frequency shifting or method of frequency modulation is inputted to said gate signal line-side driving circuit, and

wherein said digital image signal is converted to an analog image signal by D/A conversion on the basis of said first modulated clock signal.

14.-15. (Canceled)

16. (Currently Amended) A display device according to claim 13, wherein the first modulated clock signal [[is]] and the second modulated clock signal are obtained by shifting a frequency of the reference clock signal on the basis of a Gaussian histogram.

17.-19. (Canceled)

20. (Currently Amended) A display device according to claim 13 wherein said display device is a liquid crystal display device.

21. (Currently Amended) A display device according to claim 13 wherein said display device is an electroluminescence display device.

22. (Previously Presented) A mobile telephone having a display device according to claim 13.

23. (Previously Presented) A projector having a display device according to claim 13.

24. (Previously Presented) A video camera having a display device according to claim 13.

25. (Previously Presented) A mobile computer having a display device according to claim 13.

26. (Previously Presented) A head-mounted display having a display device according to claim 13.

27. (Previously Presented) A personal computer having a display device according to claim 13.

28. (Previously Presented) A player which uses a recording medium, having a display device according to claim 13.

29. (Previously Presented) A digital camera having a display device according to claim 13.

30. (Currently Amended) A method of driving a display device, comprising the steps of:

performing sampling and A/D conversion on an analog image signal on the basis of a reference clock signal and obtaining a digital image signal;

after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of a modulated clock signal and obtaining an improved analog image signal; and

supplying the improved analog image signal to ~~a corresponding pixel and obtaining an image~~ a source signal line,

~~wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a sine wave~~

wherein at least two gate signal lines are selected at a same time when the improved analog image signal is inputted to the source signal line.

31. (Previously Presented) A method of driving a display device according to claim 30 wherein said display device is an active matrix type display device.

32. (Previously Presented) A method of driving a display device according to claim 30 wherein said display device is a passive matrix type display device.

33. (Currently Amended) A method according to claim 30 wherein said display device is a liquid crystal display device.

34. (Currently Amended) A method according to claim 30 wherein said display device is an electroluminescence display device.